

**IN THE SPECIFICATION:**

*Please amend the paragraph beginning on page 5 at line 19 as follows:*

--Fig. 3A illustrates ~~a change of a resistance of~~ a weight of a plummet applied to the load sensor according to the embodiment.--

*Please amend the paragraph beginning on page 5 at line 23 as follows:*

--Fig. 4A illustrates ~~a change of a resistance of~~ a weight of a plummet applied to the conventional load sensor.--

*Please amend the paragraph beginning on page 5 at line 27 as follows:*

-- Fig. 5A is a ~~sectional view~~ temperature profile of the conventional load sensor.--

*Please amend the paragraph beginning on page 6 at line 2 as follows:*

-- Fig. 5C is a ~~sectional view~~ temperature profile of the conventional load sensor.--

*Please amend the paragraph beginning on page 6 at line 4 as follows:*

-- Fig. 6A is a ~~sectional view~~ temperature profile of the load sensor according to the embodiment.--

*Please amend the paragraph beginning on page 6 at line 8 as follows:*

-- Fig. 6C is a ~~sectional view~~ temperature profile of the load sensor according to the embodiment.--

*Please amend the paragraph beginning on page 10 at line 1 as follows:*

-- Fig. 2B illustrates load sensor 101 according to the embodiment shown in Fig. 1. Foil gauge 7 is provided on protective layer 6. One end of substrate 1 is fixed with vise 8. Load sensor 101 shown in Fig. [[2A]] 2B includes adjusting layer 3 formed between resistor element 5 and glass layer 2, differently from load sensor 501 shown in Fig. [[2B]] 2A.--